Volume 17 1993

Progress in Physical Geography

Article index

Approaches to the study of hillslope development due to mass movement *S.M. Brooks, K.S. Richards* and *M.G. Anderson* 32
A review of aeolian transport processes in cold environments *Cheryl McKenna Neuman* 137
Bed configuration and microscale processes in alluvial channels *André Robert* 123
Climate, greenhouse warming and the quality of life *Allen Perry* 354
Contemporary erosion of the Canadian landscape *Peter Ashmore* 190
Dating methods *William C. Mahaney* 76
Developments in photogrammetry; the geomorphological potential *S.N. Lane, K.S. Richards* and *J.H. Chandler* 306
Dynamics of beach-dune systems *Douglas J. Sherman* and *Bernard O. Bauer* 413
Ecological biogeography *R. Hengeveld* 448
Environmental acidification – a review of surface water acidification during 1991 *A.C. Stevenson* 69
Environmental issues *Chris Park* 473
Fluvial facies models: a review of Canadian research *Edward J. Hickin* 205
Geographical information systems *Jonathan Raper* 493
Glaciers *Peter C. Knight* 349
Global warming *Mike Hulme* 81
Hillslope geomorphology and geotechnique *Michael J. Bovis* 173
Hydrology of temperate wetlands *Denise J. Reed* 20
Issues in Canadian permafrost research *C.R. Burn* and *M.W. Smith* 156
Landscapes of cold-centred Late Wisconsinan ice caps, Arctic Canada *Arthur S. Dyke* 223
Modelling the dynamics of ice sheets *Richard C.A. Hindmarsh* 391
Neotectonics and large-scale geomorphology of Canada *John Adams* and *John J. Clague* 248
Organic matter in tropical soils: current conditions, concerns and prospects for conservation *Sheila M. Ross* 265
Remote sensing *Kevin White* 369
Sea level *Colin Woodroffe* 359
Seed banks as a neglected area of biogeographic research: a review of literature and sampling techniques *Susan J. Warr, Ken Thompson* and *Martin Kent* 329
Slope and slope processes *Robert J. Allison* 92
Soil erosion and soil problems *David Higgitt* 461
The protective role of sparse vegetation in wind erosion *Stephen A. Wolfe* and *William G. Nickling* 50
The Swedish varve chronology – a review *Jane Boygle* 1
Tropical rain forests *D.M.J.S. Bowman* 484

Author index

Adams, J. and Clague, J.J.: Neotectonics and large-scale geomorphology of Canada 248
Allison, R.J.: Slope and slope processes 92
Ashmore, P.: Contemporary erosion of the Canadian landscape 190

Bovis, M.J.: Hillslope geomorphology and geotechnique 173
Bowman, D.M.J.S.: Tropical rain forests 484
Boygle, J.: The Swedish varve chronology – a review 1
Brooks, S.M., Richards, K.S. and Anderson, M.G.: Approaches to the study of hillslope development due to mass movement 32
Burn, C.R. and Smith, M.W.: Issues in Canadian permafrost research 156
Dyke, A.S.: Landscapes of cold-centred Late Wisconsinan ice caps, Arctic Canada 223
Hengeveld, R.: Ecological biogeography 448
Hickin, E.J.: Fluvial facies models: a review of Canadian research 205
Higgitt, D.: Soil erosion and soil problems 461
Hindmarsh, R.C.A.: Modelling the dynamics of ice sheets 391
Hulme, M.: Global warming 81
Knight, P.C.: Glaciers 349
Lane, S.N., Richards, K.S. and Chandler, J.H.: Developments in photogrammetry; the geomorphological potential 306
McKenna Neuman, C.: A review of aeolian transport processes in cold environments 137
Mahaney, W.C.: Dating methods 76
Park, C.: Environmental issues 473
Perry, A.: Climate, greenhouse warming and the quality of life 354
Raper, J.: Geographical information systems 493
Reed, D.J.: Hydrology of temperate wetlands 20
Robert, A.: Bed configuration and microscale processes in alluvial channels 123
Ross, S.M.: Organic matter in tropical soils: current conditions, concerns and prospects for conservation 265
Sherman, D.J. and Bauer, B.O.: Dynamics of beach-dune systems 413
Stevenson, A.C.: Environmental acidification – a review of surface water acidification during 1991 69
Warr, S.J., Thompson, K. and Kent, M.: Seed banks as a neglected area of biogeographic research: a review of literature and sampling techniques 329
White, K.: Remote sensing 369
Wolfe, S.A. and Nickling, W.G.: The protective role of sparse vegetation in wind erosion 50
Woodroffe, C.: Sea level 359

Book review index

Anderson, M.G. and Burt, T.P. *Process studies in hillslope hydrology* (reviewer: Susan Brooks) 103
Bagnold, R.A. *Sand, wind and war: memoirs of a desert explorer* (reviewer: Rob Sarre) 105
Bourriau, J., editor, *Understanding catastrophe: its impact on life on earth* (reviewer: Richard Huggett) 503
Bryant, E.A. *Natural hazards* (reviewer: David Alexander) 508
Budyko, M.I. and Izrael, Y.A., editors, *Anthropogenic climatic change* (reviewer: A.S. Goudie) 106
Bull, W.A. *Geomorphic responses to climatic change* (reviewer: Ronald I. Dorn) 377
Carleton, A.M. *Satellite remote sensing in climatology* (reviewer: Kevin White) 506
Cracknell, A.P. and Hayes, L.W.B. *Introduction to remote sensing* (reviewer: Kevin White) 378
Dawson, A.G. *Ice age earth: Late Quaternary geology and climate* (reviewer: John Walden) 507
Decker, R.W. and Decker, B.B. *Mountains of fire* (reviewer: D.K. Chester) 508
De Silva, S.L. and Francis, P.W. *Volcanoes of the central Andes* (reviewer: D.K. Chester) 107
Dewey, J.F., Gass, I.G., Curry, G.B., Harris, N.B.W. and Sengör, A.M.C., editors, *Allochthonous terranes* (reviewer: A.S. Goudie) 107
Döör, B.R. *Environmental issues repairing international action* (reviewer: Thomas E. Downing) 379
Evans, D. *A history of nature conservation in Britain* (reviewer: David Matless) 509
Gregory, K.J., editors, *The Guinness guide to the restless earth* (reviewer: A.S. Goudie) 108
Hutchinson, T.P. and Lai, C.D. *The engineering statistician's guide to continuous bivariate distributions* (reviewer: M.G. Anderson) 108
Jager, J. and Ferguson, H.L., editors, *Climatic change: science, impacts and policy* (reviewer: C.R. de Freitas) 380
Johnson, A.I., editor, *Land subsidence* (reviewer: A.S. Goudie) 109
Lock, G.S.H. *The growth and decay of ice* (reviewer: Ian Owens) 381
Mainguet, M. *Desertification: natural background and human mismanagement* (reviewer: David Thomas) 383

Massing, H., Packman, J. and Zuidema, F.C., editors, *Hydrological processes and water management in urban areas* (reviewer: Des Walling) 109
Massom, R. *Satellite remote sensing of polar regions* (reviewer: Kevin White) 384
Nisbet, E.G. *Leaving Eden: to protect and manage the earth* (reviewer: A.M. Mannion) 385
Nisbet, E.G. *Living Earth: a short history of life and its home* (reviewer: A.S. Goudie) 111
Scheidegger, A.E. *Theoretical geomorphology* (reviewer: Trevor Hoey) 387
Schot, P.P. *Solute transport by groundwater flow to wetland ecosystems* (reviewer: E. Maltby) 111
Shamir, U. and Jiaqi, C., editors, *The hydrological basis for water resources management* (reviewer: Dingle Smith) 388
Sharp, R.P. *Living ice: understanding glaciers and glaciation* (reviewer: John Walden) 112
Slaymaker, O., editor, *Field experiments and measurement programs in geomorphology* (reviewer: Nick Haycock) 113
Smith, K. *Environmental hazards: assessing risk and reducing disasters* (reviewer: David Alexander) 508
Spellerberg, I.F. *Monitoring ecological change* (reviewer: Peter Holland) 114
Syvitski, J.P.M., editor, *Principles, methods, and application of particle size analysis* (reviewer: Basil Gomez) 115
West, R.G. *Pleistocene palaeoecology of central Norfolk: a study of environments through time* (reviewer: Darrel Maddy) 117
Zeimer, R.R., O'Loughlin, C.L. and Hamilton, L.S., editors, *Research needs and applications to reduce erosion and sedimentation in tropical steeplands* (reviewer: David Higgitt) 118